

Exam 2 - Sample

1 1 point

Linux command for - list directory contents:

2 1 point

Linux command for - make a new directory:

3 1 point

Linux command for - move or rename a file or directory:

4 1 point

Linux command for - remove directory:

5 1 point

Linux command for - remove file(s):

6 1 point

Linux terminal - shortcut for current directory (one character):

7 1 point

Linux terminal - shortcut for directory one level up from current (two characters):

8 1 point

Linux command for - copy file(s):

9 1 point

Linux command for - clear the terminal screen:

10 1 point

Linux command for - change directory:

11 1 point

Give the full linux terminal command for - change directory to your home directory:



12 1 point

Escape sequence for a new line.

13 1 point

Escape sequence for the ' character.

14 1 point

Operator for string concatenation.

15 1 point

If `s` is a string, syntax for the first character in `s`.

16 1 point

Function to get the number of characters in a string.

17 1 point

String method to join items in a list together (with the given string put in between each of the others).

18 1 point

String method to split a string into a list of words.

19 1 point

Programming concept - name of the integer that specifies which spot in a list/string we want to look at.

20 1 point

Dictionary method to return a list of (key, value) pairs in the dictionary.

21 1 point

Dictionary method to return a list of keys in the dictionary.

22 1 point

Dictionary method to return a list of values in the dictionary.

23 1 point

If d is a dictionary, syntax for the value with key 'x'.

24 1 point

Python function for getting the number of items in a list.

25 1 point

Python list method - to add to the end of a list.

26 1 point

Python list method - to get the index of a particular value.

27 1 point

Python list method - to remove a particular value from a list.

28 1 point

Suppose we have the following dictionary.

`L = [{'name': 'Ann', 'score': 90, 'language': 'python'}, {'name': 'Bob', 'score': 89, 'language': 'C'}, {'name': 'Carol', 'score': 88, 'language': 'R'}]`

What is the value of the following expression: `L[0].keys()`



29 1 point

What is the largest value for Y that would make the following python expression evaluate to True.
`1 < 2 and 3 == Y or Y < 4`

30 1 point

Copy of Python code to create a dictionary variable d with keys 'last', 'first', 'major' and corresponding values 'Kinne', 'Jeff', 'CS'.



31 1 point

Write a Python function that accepts a list of numbers, determines how many are positive, then returns the number of positive numbers.



32 1 point

Write a python function that uses a for-loop to print the numbers from 1 up to 20



33 1 point

Give the full linux terminal command to:
copy the file `~cs151/public_html/code.py` into your home directory:



34 1 point

What are all of the numbers that cause the if statement in the following piece of code to be true?

```
num = 0
for i in range(5,10):
    if i % 3 == 0:
        num = num + i
```

